UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

08/11/2004

Attn: Kenneth A. Puzey Teracomm Research Inc PO Box 163 Essex Junction, VT 05453 EXAMINER

ABRAHAM, FETSUM

ART UNIT

PAPER NUMBER

2826

DATE MAILED: 08/11/2004

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|-----------------------|---------------------|------------------|
| 10/679,729 | 10/06/2003 | Thomas George Ference | FERENCEPUZEY-01 | 3276 |

TITLE OF INVENTION: STRUCTURES FOR INCREASING THE CRITICAL TEMPERATURE OF SUPERCONDUCTORS

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | YES | \$665 | \$300 | \$965 | 11/12/2004 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATEN PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPO PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM TH MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THE STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOV REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (O AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WIL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is n claiming SMALL ENTITY status, check box 5a on Part B - Fee Transmittal and pay the PUBLICATION FEE (if required) and 1 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) w your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required), Blocks 1 through 5 should be completed wh

| appropriate. All further cor indicated unless corrected be maintenance fee notification | oelow or directed otherwise | Patent, advance or in Block 1, by (a | ders and not) specifying | ification of maintenance fees a new correspondence address | will be mailed to the current ; and/or (b) indicating a sepa | correspondence address arate "FEE ADDRESS" |
|--|---|---|---|--|--|--|
| CURRENT CORRESPONDENC | E ADDRESS (Note: Use Block 1 for | any change of address) | | Fee(s) Transmittal. The papers. Each addition | nis certificate cannot be used : al paper, such as an assignme | for any other accompany |
| Attn: Kenneth A. Teracomm Researc PO Box 163 Essex Junction, VT | Puzey h Inc | FOR INCREASING THE CRITICAL TEMPERATURE OF SUPERCONDUCTORS ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE ES \$665 \$300 \$965 11/12/2004 ART UNIT CLASS-SUBCLASS 2826 257-661000 1(1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered patent attorneys or agents OR, alternatively, (3) the name of a single firm (having as a member a registered patent attorneys or agents. If no name is listed, no name will be printed. E DATA TO BE PRINTED ON THE PATENT (print or type) is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed. Completion of this form is NOT a substitute for filing an assignment. (B) RESIDENCE: (CITY and STATE OR COUNTRY) 4b. Payment of Fee(s): A check in the amount of the fee(s) is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized by charge the required fee(s), or credit any overpayment persons. | | | | |
| • | | | | | ertificate of mailing can only be used for domestic mailings of nsmittal. This certificate cannot be used for any other accompany che additional paper, such as an assignment or formal drawing, m we certificate of mailing or transmission. Certificate of Mailing or Transmission Constitute of the Unit of Unit of the Unit of the Unit of U | |
| | | | | | | (Signat |
| | | | | | <u>.</u> | (D |
| APPLICATION NO. | FILING DATE | | FIRST NAME | D INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
| 10/679,729 | 10/06/2003 | | Thomas Geo | orge Ference | FERENCEPUZEY-01 | 3276 |
| | TRUCTURES FOR INCREA | ASING THE CRIT | TCAL TEMP | PERATURE OF SUPERCOND | UCTORS | |
| APPLN. TYPE | SMALL ENTITY | ISSUE FI | BB | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
| nonprovisional | YES | | | \$300 | \$965 | 11/12/2004 |
| EXAM | INER | | | CLASS-SUBCLASS | 7 | |
| ABRAHAM | 1, FETSUM | 2826 | ····· | 257-661000 | • | |
| CFR 1.363). Change of corresponde Address form PTO/SB/12 "Fee Address" indicatic PTO/SB/47; Rev 03-02 c Number is required. 3. ASSIGNEE NAME AND PLEASE NOTE: Unless | ence address (or Change of C22) attached. on (or "Fee Address" Indicator more recent) attached. Use RESIDENCE DATA TO B an assignee is identified be 37 CFR 3.11. Completion of | Correspondence tion form to of a Customer E PRINTED ON Telow, no assignee of this form is NOT | (1) the na or agents (2) the na registered 2 registered listed, no THE PATEN data will app I a substitute | ames of up to 3 registered pate OR, alternatively, me of a single firm (having as attorney or agent) and the named patent attorneys or agents. If name will be printed. T (print or type) Dear on the patent. If an assign for filing an assignment. | a member a 2nes of up to f no name is 3nee is identified below, the definition of the desired below, the definition of the desired below, the desired below. | locument has been filed |
| Please check the appropriate | assignee category or category | ries (will not be pri | inted on the r | oatent); 🗖 individual 🗖 | corporation or other private g | oup entity □ governm |
| 4a. The following fee(s) are | | | | | | |
| ☐ Issue Fee | | | ☐ A check i | n the amount of the fee(s) is en | closed. | |
| | nall entity discount permitted | i) | • | * | | |
| ☐ Advance Order - # of (| Copies | | Deposit Acc | ctor is hereby authorized by c | harge the required fee(s), or (enclose an extra c | credit any overpayment opy of this form). |
| 5. Change in Entity Status | | = | □ b Applica | ant is not claiming SMALL EN | TITY status See e.g. 37 CFI | R 1 27(g)(2) |
| The Director of the USPTO in NOTE: The Issue Fee and Printerest as shown by the reco | is requested to apply the Issuablication Fee (if required) v | ne Fee and Publicat | tion Fee (if and | ny) or to re-apply any previous | ly paid issue fee to the applica | ation identified above. |
| (Authorized Signature) | | (Date) | _ _ | - | | |
| This collection of informatio an application. Confidentiali submitting the completed ap- this form and/or suggestions Box 1450, Alexandria, Virgin Alexandria, Virgin 22211 | n is required by 37 CFR 1.3 ty is governed by 35 U.S.C. plication form to the USPT for reducing this burden, sh nia 22313-1450. DO NOT \$1,450 | 11. The information 122 and 37 CFR 100. Time will vary tould be sent to the SEND FEES OR C | n is required 1.14. This coldepending up Chief Information COMPLETEI | to obtain or retain a benefit by llection is estimated to take 12 pon the individual case. Any c mation Officer, U.S. Patent and D FORMS TO THIS ADDRES | the public which is to file (an minutes to complete, includir omments on the amount of ti Trademark Office, U.S. Dep S. SEND TO: Commissioner | d by the USPTO to proc ng gathering, preparing, me you require to comp artment of Commerce, P for Patents, P.O. Box 14 |

TRANSMIT THIS FORM WITH FEE(S)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO | |
|--------------------------------|-------------|-----------------------|--------------------------|-----------------|--|
| 10/679,729 | 10/06/2003 | Thomas George Ference | FERENCEPUZEY-01 | 3276 | |
| 7590 08/11/2004 | | | EXAM | EXAMINER | |
| Attn: Kenneth A. | | ABRAHAM | ABRAHAM, FETSUM | | |
| Teracomm Researc PO Box 163 | th Inc | | ART UNIT | PAPER NUMBER | |
| Essex Junction, VT | 05453 | | 2826 | | |
| | | | DATE MAII ED: 08/11/2004 | 1 | |

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after t mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a h months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date th determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retriev (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.